

Title (en)

METHOD AND DEVICE FOR CASTING A CAST PART

Title (de)

VERFAHREN UND VORRICHTUNG ZUM GIESSEN EINES GUSSTEILS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE COULÉE D'UNE PIÈCE À MOULER

Publication

**EP 3003604 A1 20160413 (DE)**

Application

**EP 14744419 A 20140527**

Priority

- AT 503562013 A 20130527
- AT 505092013 A 20130816
- AT 2014050124 W 20140527

Abstract (en)

[origin: WO2014190366A1] The invention relates to a method for casting a cast part according to tilt casting principles, wherein metal melt (1) is poured from at least one tiltable casting vessel (2) into a casting mould (3) having a mould cavity (4) that forms the cast part. In one step, the at least one casting vessel (2) and the casting mould (3) are arranged next to each other, and in a subsequent step the metal melt (1) is settled. The at least one casting vessel (2) and the casting mould are positioned in such a way that, before pouring the metal melt (1) from the at least one casting vessel (2) into the casting mould (3), a settled level (a) of the metal melt (1) in the at least one casting vessel (2) is at the same height as one section of an inner surface of the casting mould (3).

IPC 8 full level

**B22D 23/00** (2006.01)

CPC (source: AT EP US)

**B22D 21/002** (2013.01 - AT); **B22D 21/04** (2013.01 - AT); **B22D 23/00** (2013.01 - AT); **B22D 23/006** (2013.01 - EP US); **B22D 35/04** (2013.01 - AT); **B22D 41/04** (2013.01 - EP US); **B22D 41/06** (2013.01 - AT); **B22D 46/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2014190366A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2014190366 A1 20141204**; AT 514740 A1 20150315; AT 514740 B1 20201215; CN 105377473 A 20160302; CN 105377473 B 20190122; DE 212014000131 U1 20160113; EP 3003604 A1 20160413; EP 3003604 B1 20181003; ES 2702180 T3 20190227; PL 3003604 T3 20190731; US 2016101467 A1 20160414; US 9895743 B2 20180220

DOCDB simple family (application)

**AT 2014050124 W 20140527**; AT 505092013 A 20130816; CN 201480039878 A 20140527; DE 212014000131 U 20140527; EP 14744419 A 20140527; ES 14744419 T 20140527; PL 14744419 T 20140527; US 201414893750 A 20140527